## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/28991

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : B62D 29/04; B29C 33/44, 45/16, 45/44 US CL : 264/246,259,267,269,275,318; 296/1.08,209; 52/716.5				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 264/246,259,267,269,275,318; 296/1.08,209; 52/716.5				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap	Relevant to claim No.		
X	US 6,592,173 A (HARDGROVE et al) 15 July 2003 (15.07.2003), col. 1, lines 37-50, col. 4, lines 34-38 and Fig. 2 and 5.		1,2,8,9,12	
Y			3-7,10,11,13-16	
Υ.	US 6,168,742 A (YAMAMOTO) 02 January 2001 (02.01.2001), Fig. 2.		3,10,11,13-16	
Y	US 6,171,543 A (HIROSE) 09 January 2001 (09.01.2001), ∞l. 6, line 66- col. 7, line10.		4-7	
A	US 5,746,962 A (YAMAMOTO) 05 May 1998 (05.05.1998), Figs. 4 and 5.			
A	US 2,432,414 A (MORIN) 25 November 1947 (25.11.1947), Figs. 1, 2.			
A US 3,271,501 A (HECK) 06 September 1966 (06.09.1966), Fig. 5.				
Further	documents are listed in the continuation of Box C.	See patent family annex.		
Special categories of cited documents:     T" later do		"T" later document published after the line	later document published after the International filing date or priority date and not in conflict with the application but cited to understand the	
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"P" document published prior to the international filing date but later than the priority date claimed		*&* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report		
03 December 2004 (03.12.2004)		23 DEC 2004)		
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US		Authorized officer		
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